10/129, 363

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L32	0	(nonwoven non-woven unwoven) same underlayment same adhesive	DERWENT	OR	OFF	2005/09/13 13:46
L33	245	((nonwoven non-woven unwoven) same adhesive) and (floor flooring)	DERWENT	OR	OFF	2005/09/13 13:46
L34	38	33 and foam	DERWENT	OR	OFF	2005/09/13 13:46
L30	29	(nonwoven non-woven) with floor with (adhesive near2 layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 13:45
L31	4	("4138521").PN	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 13:45
L29	29	(nonwoven non-woven) with floor with (adhesive near2 layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 13:32
L28	51	(nonwoven non-woven) with floor with absorbing	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 13:24
L27	2058	(nonwoven non-woven) and floor and absorbing	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 13:17
L14	44	fernando:in.:same:stroppiana.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 13:06
L15	6	14 and floor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 13:06
S2	44	fernando in. same stroppiana in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 13:05
L13	16	floor and underlay and (nonwoven non-woven) and absorbing	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/13 13:00

L12	17	("3785913"   "3980511"   "4138521"   "4160060"   "4187337"   "4279958"   "4418108"   "4500591"   "4522857"   "4557774"   "4575886"   "4647484"   "5080944"   "5082705"   "5114773"   "5501895").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/13 12:59
L11	9	("4138521").URPN.	USPAT	OR	OFF	2005/09/13 12:50
L8	57	2 and (nonwoven non-woven)	USPAT	OR	OFF	2005/09/13 12:46
L9	j	4 and (nonwoven non-woven)	USPAT	OR	OFF	2005/09/13 12:46
L10	4	("4138521").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 12:46
L5	17	("4698258"):URPN:	USPAT	OR	OFF	2005/09/13 12:45
L6	0	5 and granules	USPAT	OR	OFF	2005/09/13 12:45
L7	4	5 and particles	USPAT	OR	OFF	2005/09/13 12:45
L4	2	("4698258").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 12:44
L3	27	2 and floor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 12:43
L2	282	foamable same granules	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 12:38
L1	4	("3272688").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 12:37
S1	. 1	10/729,363	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 10:05
S20	67	S19 and ((silica or polyester) near3 fibers)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 09:16
S22	2	("6022818").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 09:16

S23	. 2	("5508102").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 09:16
S5.	159518	(sandwich laminate composite) and (core intermediate middle) and layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 08:55
S19	531	S5 and S18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 08:55
S21	112	S19 and ((glass or silica or polyester) near3 fibers)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 08:55
S8	246	S7 and (pvc or (polyvinyl adj chloride))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 08:54
S17	4	("3269887"   "4051296"   "4477707") PN:	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/13 08:54
S18	1935	core near5 (pvc or (polyvinyl adj chloride))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 08:54
S16	6	("5019197").URPN.	USPAT	OR	OFF	2005/09/13 08:51
S14	10	(("4469543") or ("4770929") or ("5560985") or ("5354604") or ("5344687")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR .	OFF	2005/09/13 08:50
S15	12	(("4938819") or ("5019197") or ("4317939") or ("4399236") or ("4339358")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 08:50
S12	3386	S11 and (pvc or (polyvinyl adj chloride))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 08:44
S13	4	("3272688"):PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 08:44
S9	199	S8 and fiber\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 08:41

S10	207063	substrate and (flooring wall tile carpet)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 08:41
S11	21275	S5 and S10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 08:41
S6	14781	S5 and floor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 08:25
S7	750	S6 and impregnation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 08:25
\$4	2180	(442/381,394,396,417,164,172, 173).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/13 08:24
S3	20	(subfloor or sub-floor) and laminate and plastisol	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/12 16:15

9/13/05 my



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(54) SYNTHETIC MATERIAL SHEET FOR STABILIZING COVERINGS

(75) Inventor: Fernando Stroppiana, Grinzane Cavour (IT)

> Correspondence Address: SEED INTELLECTUAL PROPERTY LAW **GROUP PLLC** 701 FIFTH AVE **SUITE 6300** SEATTLE, WA 98104-7092 (US)

Assignee: Mondo S.p.A. Gallo d'Alba (IT)

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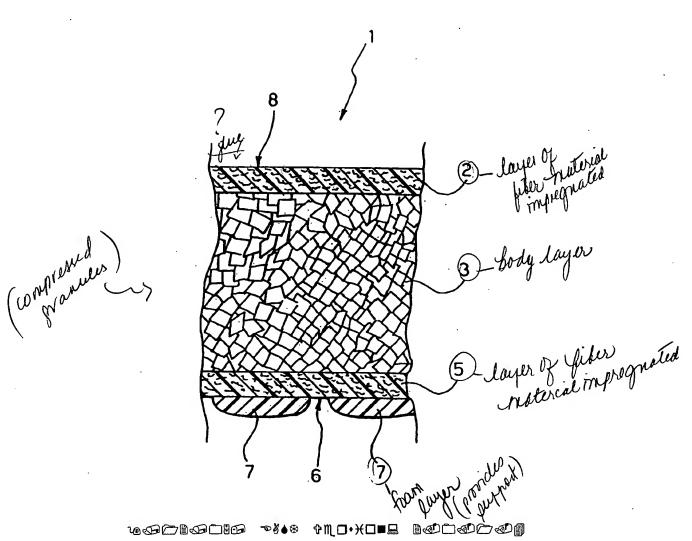
(51) Int. Cl.<sup>7</sup> ...... B32B 27/02; B32B 5/02; B32B 17/02; B32B 27/30; B05D 3/02; B32B 5/26; D04H 1/00; D04H 13/00

Aug. 5, 2004

(52) U.S. Cl. ...... 442/381; 442/394; 442/396; 442/415; 442/417; 442/164; 442/172; 442/173; 427/372.2; 427/430.1

(57)**ABSTRACT** 

The present invention relates to a flexible sheet having a composite structure for stabilizing coatings, comprising a first layer of fiber material and a second layer of fiber material impregnated by a first and a second impregnating material, respectively, and a body layer set between said first layer and said second layer according to a general sandwich structure, where the body layer consists of a third material. The first and the second impregnating materials and the third material constituting the body layer are polymeric materials presenting a substantial affinity, so that the flexible sheet has a physically heterogeneous and chemically homogeneous structure.







## **EUROPEAN SEARCH REPORT**

Application Number EP 02 42 5752

	DOCUMENTS CONSIDERED TO BE RELEVANT				
	Category	Citation of document with in of relevant passa	ndication, where appropriate, ges	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)
, d .	<b>/</b> x	DE 195 44 451 A (BA 5 June 1997 (1997-6 * column 1, last pa	16-05)	1,2,4,7	B32B27/12 E04F15/10
ordered of	ά	EP 0 781 648 A (DAM; LENSER KUNSTSTOFF 2 July 1997 (1997-6 * page 2, line 40 - example 1 * page 3, line 9 - * page 3, line 37 -	77-02) line 41; claims; line 16 *	1-4	
	×	AG ;BAYER AG (DE))	ERISCHE MOTOREN WERKE 7 May 1997 (1997-05-07) ph 1; claims 1-4,7; - line 47 * - line 16 *	1	
	D,A	EP 0 203 042 A (MON 26 November 1986 (1 * page 2, last para claims 1-4,9; figur * page 4, paragraph * page 7, line 17 -	986-11-26) graph - page 3, line 7; e 2 * i 1 - paragraph 2 *	1-4,14	TECHNICAL FIELDS SEARCHED (Int.Cl.7) 832B E04F
	A	13 September 1966 (	1 - line 22; figure 4 * 1 - line 57 * 2 - line 33 *	1-9	
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		The present search report has t	peen drawn up for all olaims		
£		Place of search	Date of completion of the search		Examiner
P. 04.09		THE HAGUE	9 May 2003	Pam	ies Olle, S
PO FORM 1503 00 A2 (POLCOT)	X : parti Y : parti docu A : tech O : non-	ITEGORY OF CITED DOCUMENTS cularly relevant if taken alone oularly relevant if oombined with anoth ment of the same category nological background written disclosure mediate document	L : document oited to	ument, but publis the application rother reasons	hed on, or